

Title (en)
POLYAMIDE RESIN COMPOSITION AND HOLLOW MOLDED BODY CONTAINING SAME

Title (de)
POLYAMIDHARZZUSAMMENSETZUNG UND DARAUS GEFORMTER HOHLKÖRPER

Title (fr)
COMPOSITION DE RÉSINE POLYAMIDE ET CORPS MOULÉ CREUX LA CONTENANT

Publication
EP 2770026 B1 20180221 (EN)

Application
EP 12841340 A 20120907

Priority
• JP 2011231557 A 20111021
• JP 2012072916 W 20120907

Abstract (en)
[origin: EP2770026A1] Provided are a composition having flexibility, a breaking pressure resistance, a low-temperature impact resistance, an environmental resistance, and a chemical resistance, which are at least equivalent to those of PA 12, and exhibiting excellent moldability and processability when a molded article is produced from the composition, and a blow molded article using the same. A polyamide resin composition comprising a PA 6/12 (component A), a plasticizer (component B), and a modified polyolefin (component C), the component A comprising units a derived from μ -caprolactam or μ -aminocaproic acid and units b derived from aminododecanoic acid or É-laurolactam, wherein the content of the units a in the units constituting the component A is 60 to 98% by weight and the content of the units b in the units constituting the component A is 40 to 2% by weight, wherein the content of the component A in the polyamide resin composition is 50 to 98% by weight, the content of the component B in the polyamide resin composition is 20 to 1% by weight, and the content of the component C in the polyamide resin composition is 30 to 1% by weight.

IPC 8 full level
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CPC (source: CN EP US)
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